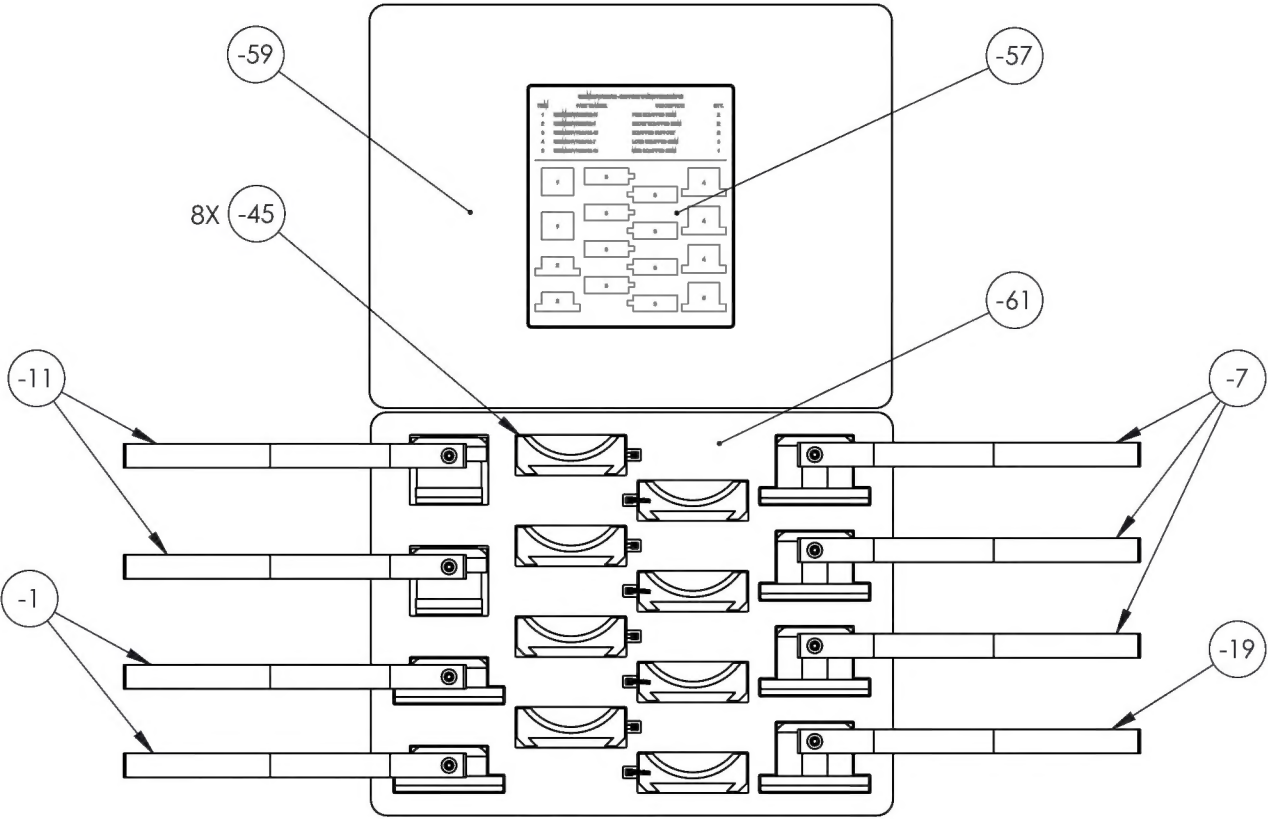


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/8/2016	SM	JAG

	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
					X		-1	2	SHORT EQUIPPED SHIM ASSY			2
					1		-3		SHORT EQUIPPED SHIM	WHITE DELRIN/ACETAL		3
					1		-5		SHORT SHIM BASE	WHITE DELRIN/ACETAL		4
				X			-7	3	LONG EQUIPPED SHIM ASSY			5
				1			-9		LONG EQUIPPED SHIM	WHITE DELRIN/ACETAL		6
			X				-11	2	FINE EQUIPPED SHIM ASSY			7
			1				-13		FINE EQUIPPED SHIM	WHITE DELRIN/ACETAL		8
			1				-15		FINE SHIM BASE	WHITE DELRIN/ACETAL		9
			1				-17		FINE SHIM PAD	BLACK ADHESIVE RUBBER	DUROMETER 70-80A (MCMASTER-CARR # 1374N27) MODIFIED	10
		X					-19	1	MGB EQUIPPED SHIM ASSY			11
		1					-21		MGB EQUIPPED SHIM	WHITE DELRIN/ACETAL		12
		1		1			-23		LONG/MGB SHIM BASE	WHITE DELRIN/ACETAL		13
		1	1	1	1		-25		SHIM CAP	WHITE DELRIN/ACETAL		14
		1		1	1		-27		SHORT/LONG/MGB SHIM PAD	BLACK ADHESIVE RUBBER	DUROMETER 70-80A (MCMASTER-CARR # 1374N27) MODIFIED	15
	X	1	1	1	1		-29		STRAP			16
	1						-31		STRAP END 1	BLACK NYLON	(MCMASTER-CARR # 87425K76) MODIFIED	16
	1						-33		ELASTIC STRAP	BLACK ELASTIC	(MCMASTER-CARR # 88225K68) MODIFIED	16
	1						-35		STRAP END 2	BLACK NYLON	1" X .075" (MCMASTER-CARR # 87425K76) MODIFIED	16
	2					B/O	-37		GROMMET	BRASS	1/4 IN ID (MCMASTER-CARR # 86625K32)	16
		1	1	1	1	B/O	-39		SOCKET CAP SCREW	SS	1/4-20 X 3/4 IN (MCMASTER-CARR # 92196A540)	2,5,7,11
		1	1	1	1	B/O	-41		WASHER	SS	1/4 IN (MCMASTER-CARR # 92141A029)	2,5,7,11
		1	1	1	1	B/O	-43		FLAT HEAD SOCKET CAP SCREW	SS	M8 X 1.25 X 25MM (MCMASTER-CARR # 92125A286)	2,5,7,11
X							-45	8	EQUIPPED SUPPORT ASSY			17
1							-47		EQUIPPED SUPPORT	WHITE DELRIN/ACETAL		18
1							-49		STRAP FASTENER	6061		19
1							-51		EQUIPPED SUPPORT PAD	BLACK ADHESIVE RUBBER	DUROMETER 70-80A (MCMASTER-CARR # 1374N27) MODIFIED	20
1						B/O	-53		REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	17
1						B/O	-55		SPLIT RING	SS	15/16 IN OD, 13/16 IN ID (MCMASTER-CARR # 90905A654)	17
							-57	1	PLACARD	PLASTIC		21
						B/O	-59	1	FOAM, TOP	ETHAFOAM 220, BLACK	21.77 X 16.81 X 1.79 (CASE SOLUTIONS)	22
						B/O	-61	1	FOAM, BOTTOM	ETHAFOAM 220, BLACK	21.76 X 16.79 X 6.16 (CASE SOLUTIONS)	23
						B/O	-63	1	CASE	PELICAN #APP-1600-E		N/S
						B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -45	ASSY -29	ASSY -19	ASSY -11	ASSY -7	ASSY -1							

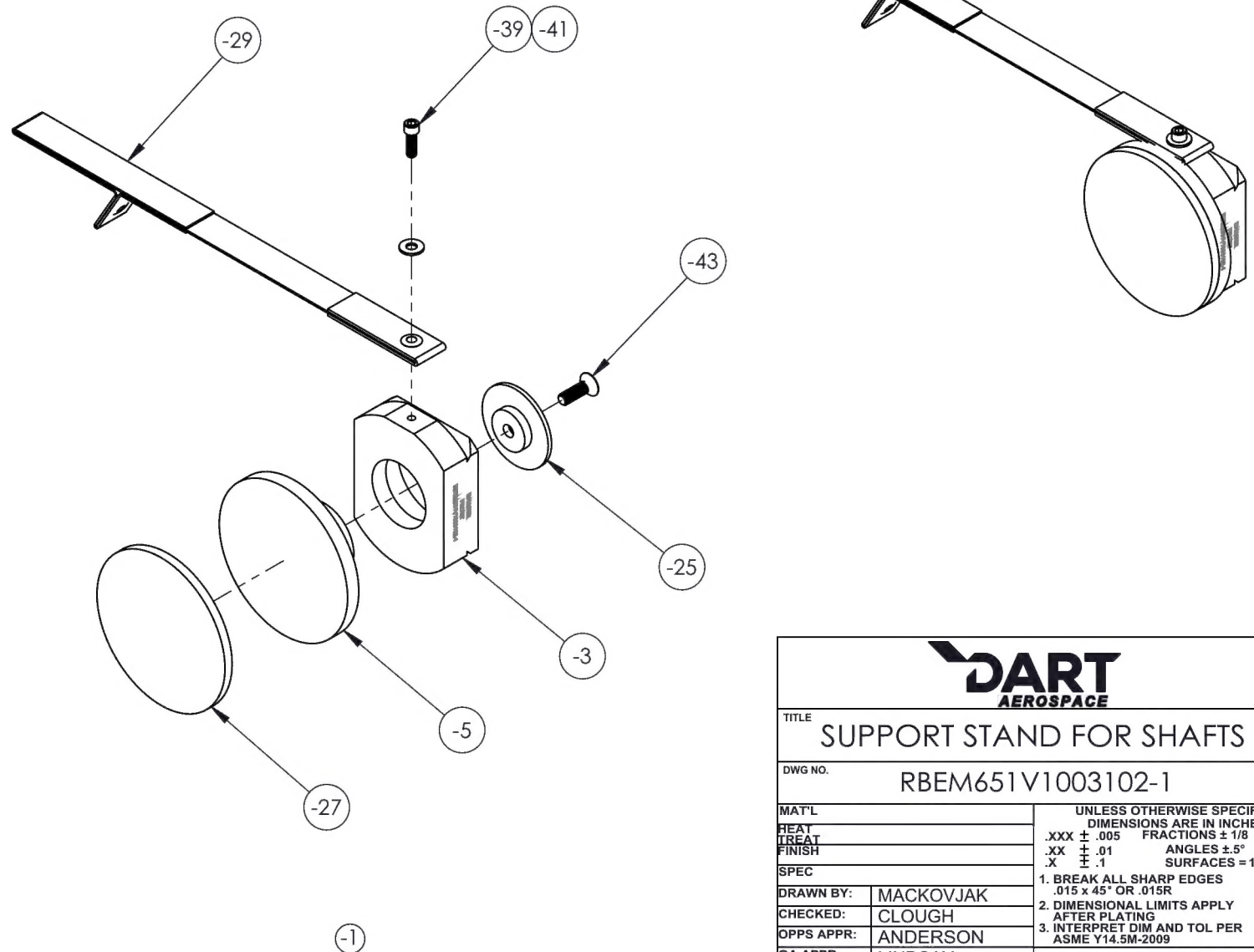


NOTES:
1. REF AIRBUS T/N: M651V1003102.

DART AEROSPACE			
TITLE SUPPORT STAND FOR SHAFTS			
DWG NO. RBEM651V1003102			REV 1
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005	FRACTIONS ± 1/8
FINISH		.XX ± .01	ANGLES ±.5°
SPEC		.X ± .1	SURFACES = 125/✓
DRAWN BY: MACKOVJAK		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:8		DATE 6/6/2016	SHEET 1 OF 23

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				APPROVED



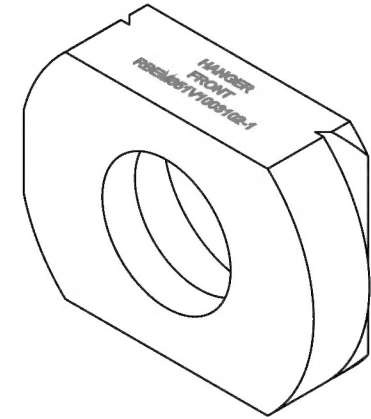
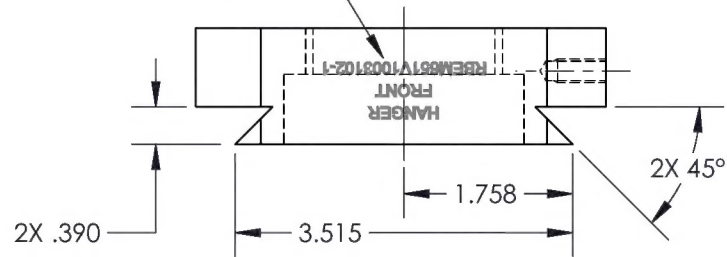
SHORT EQUIPPED SHIM ASSY

DART AEROSPACE	
TITLE: SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-1	REV 1
MAT'L _____ HEAT _____ TREAT _____ FINISH _____ SPEC _____	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:4	DATE 6/6/2016 SHEET 2 OF 23

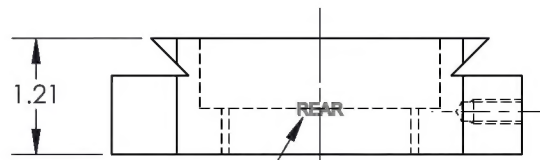
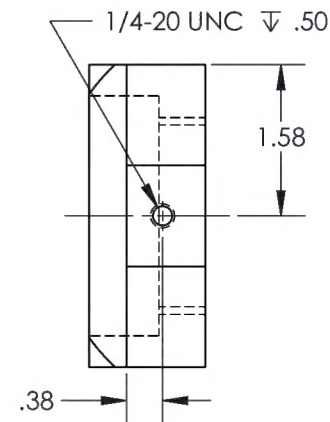
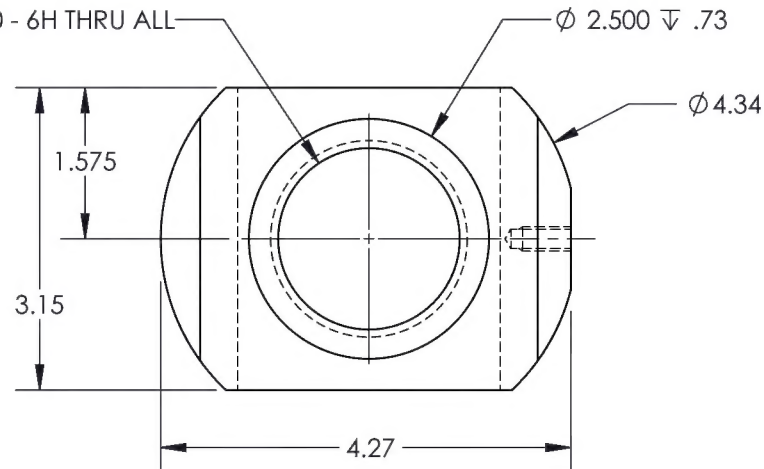
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				APPROVED

LASER ENGRAVE
FILL W/ BLACK PAINT



M52X4.0 - 6H THRU ALL



LASER ENGRAVE
FILL W/ BLACK PAINT

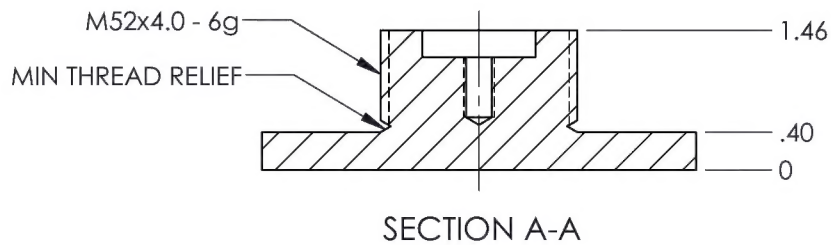
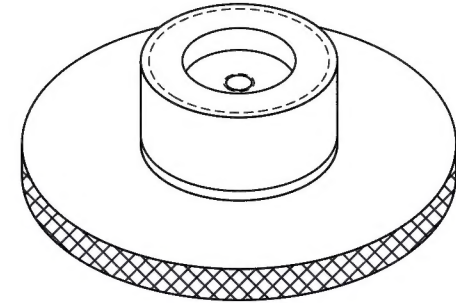
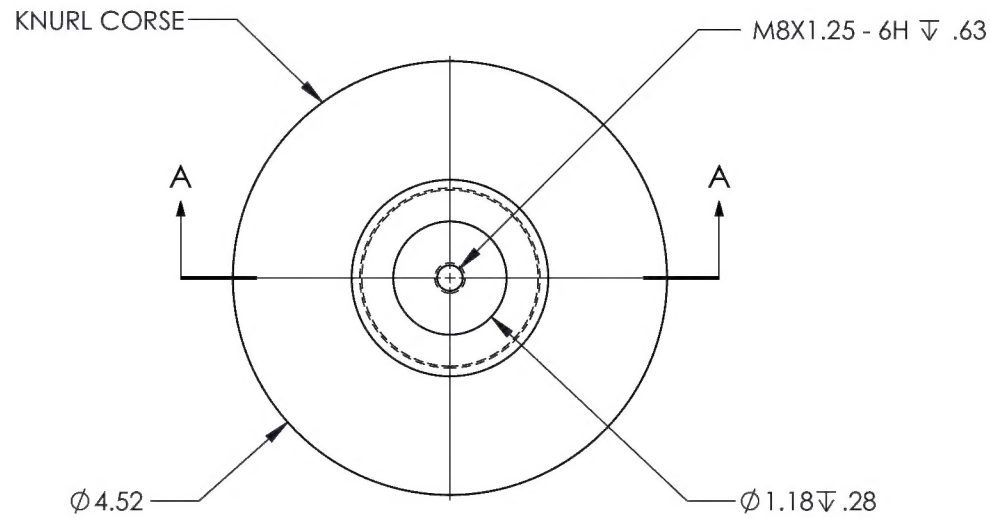
(-3)

SHORT EQUIPPED SHIM

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-3	REV 1
MAT'L WHITE DELRIN/ACETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1 SURFACES = 125✓	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 6/7/2016
SHEET 3 OF 23	

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				APPROVED



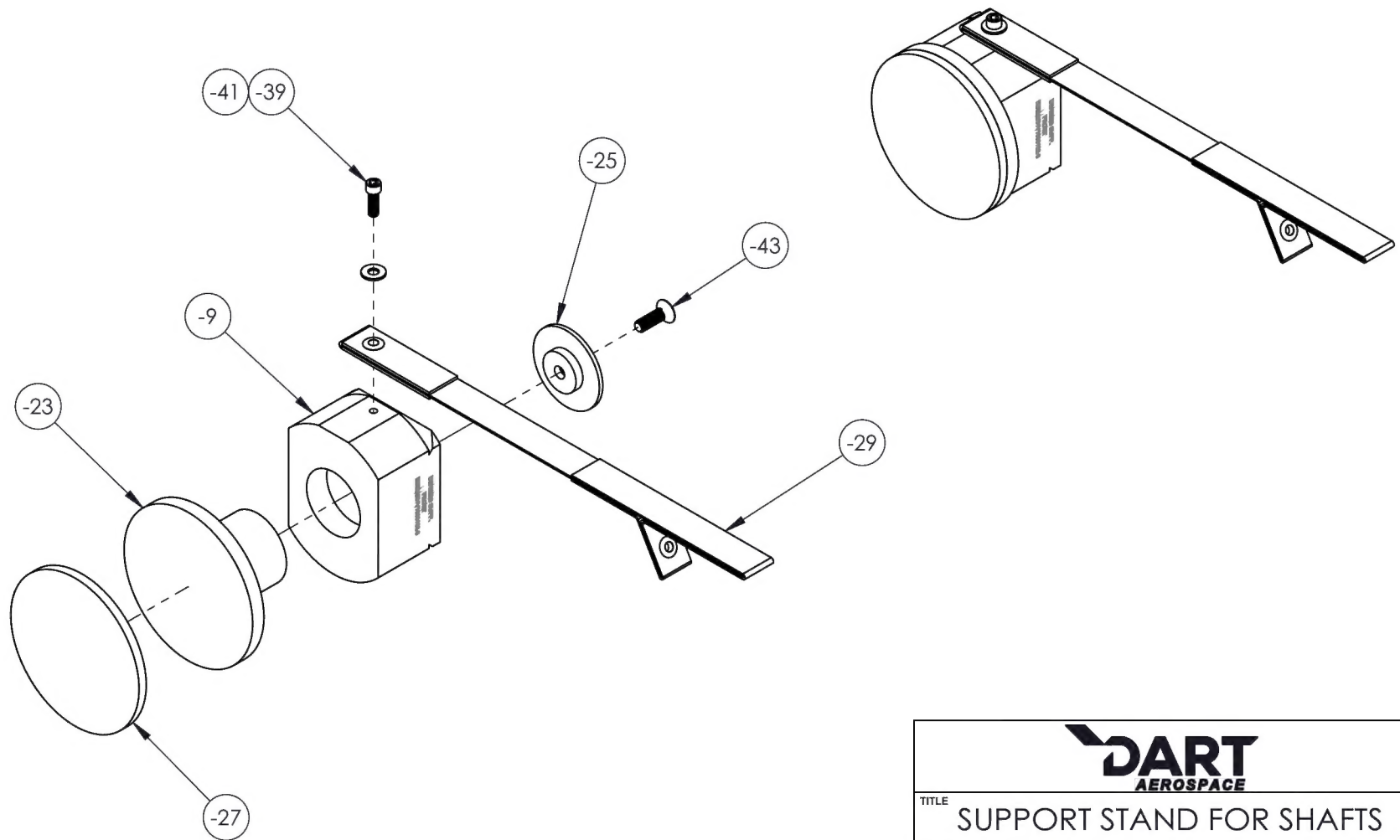
(-5)

SHORT SHIM BASE

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-5	REV 1
MAT'L WHITE DELRIN/ACETAL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC	.XX \pm .01 ANGLES \pm .5°
	.X \pm .1 SURFACES = 125 \checkmark
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 6/6/2016
	SHEET 4 OF 23

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				APPROVED



(7)

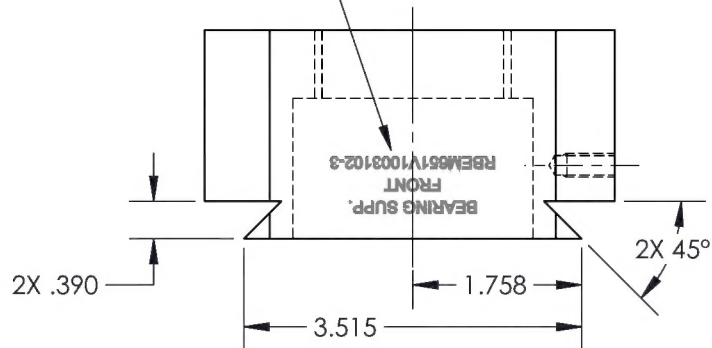
LONG EQUIPPED SHIM ASSY

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-7	REV 1
MAT'L REAT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:4	DATE 6/6/2016
SHEET 5 OF 23	

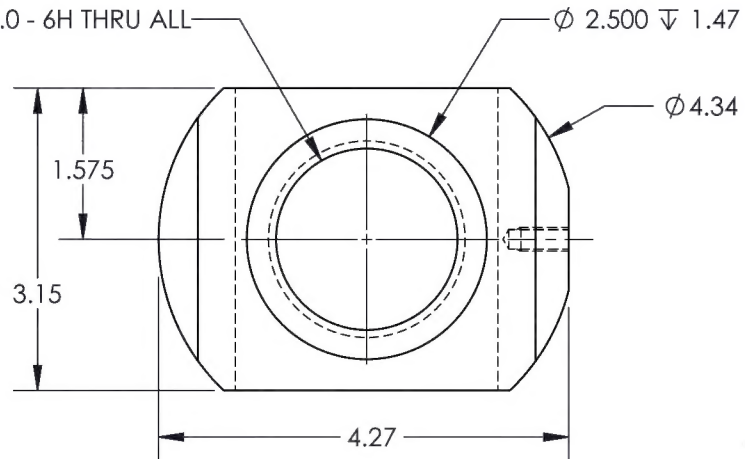
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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

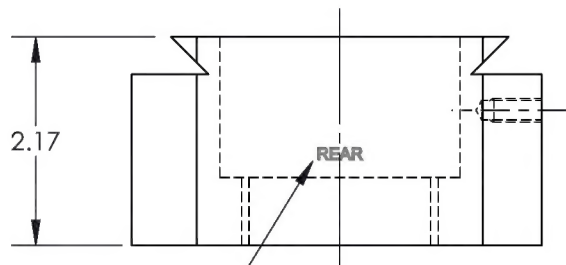
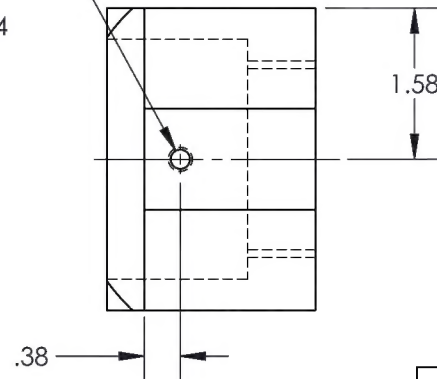
LASER ENGRAVE
FILL W/ BLACK PAINT



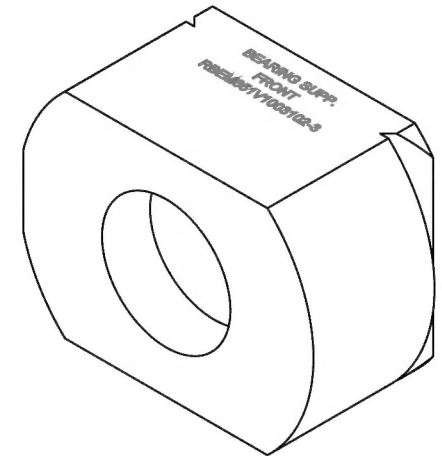
M52X4.0 - 6H THRU ALL



1/4-20 UNC ± .50



LASER ENGRAVE
FILL W/ BLACK PAINT

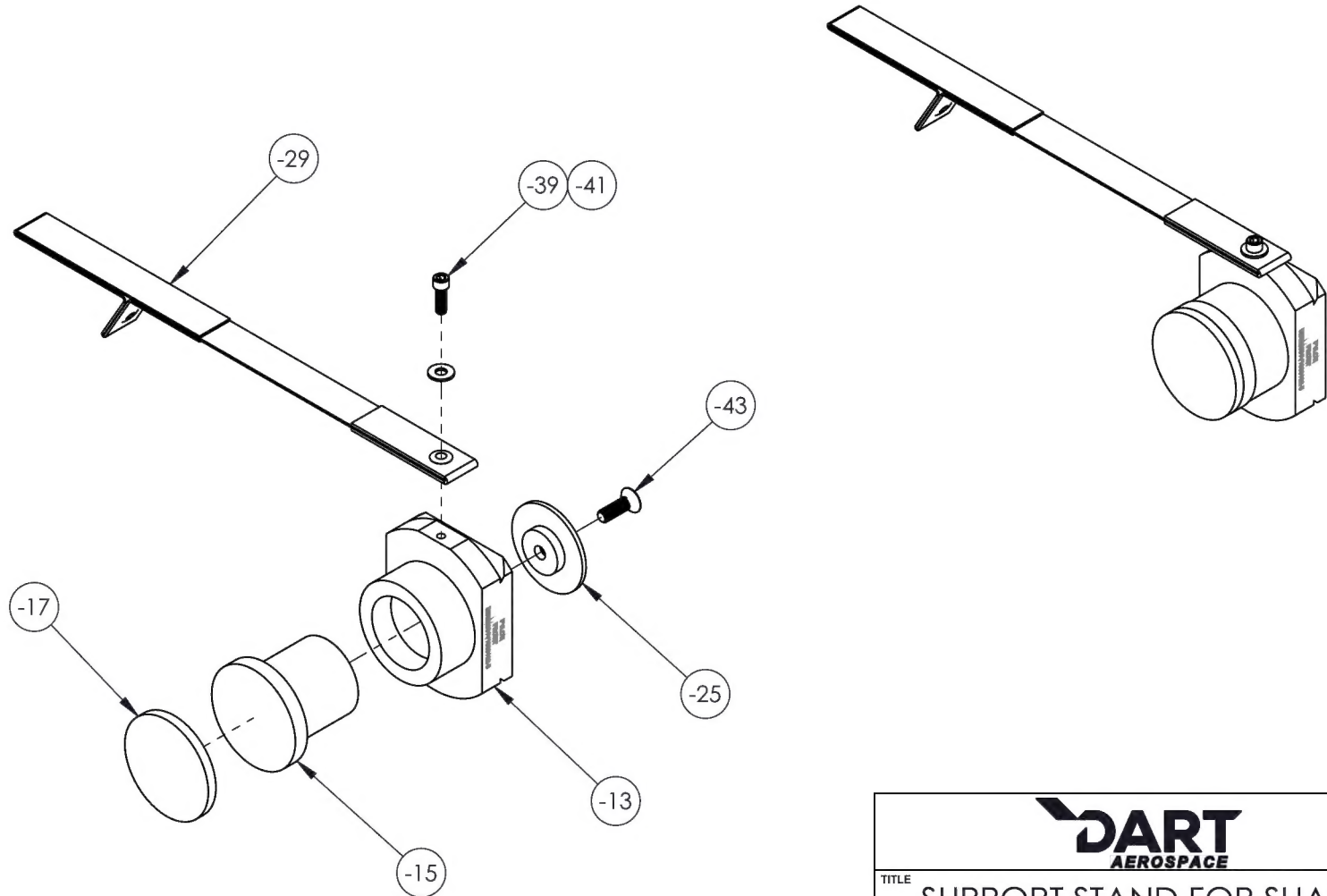


LONG EQUIPPED SHIM

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-9	REV 1
MAT'L WHITE DELRIN/ACETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± .5°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 6/7/2016
SHEET 6 OF 23	

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				APPROVED



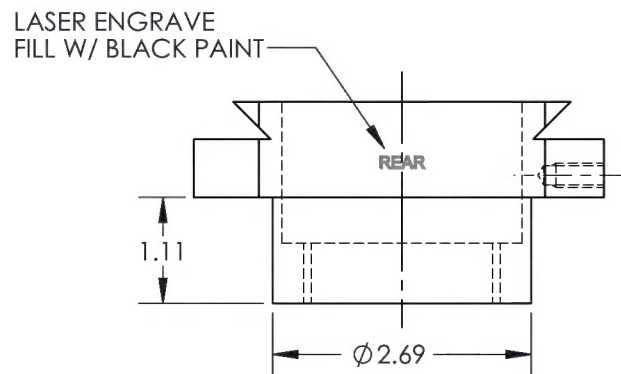
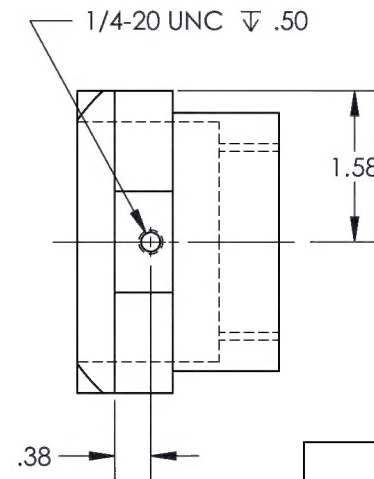
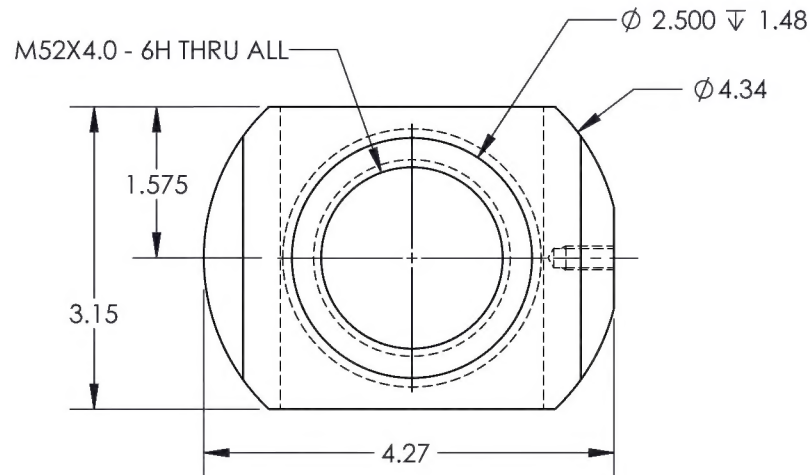
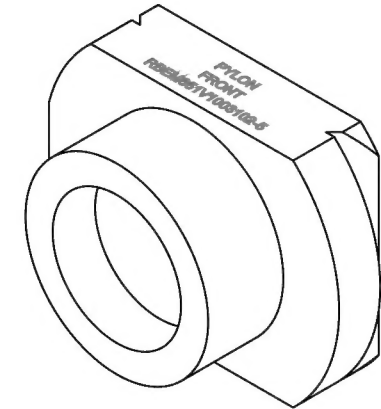
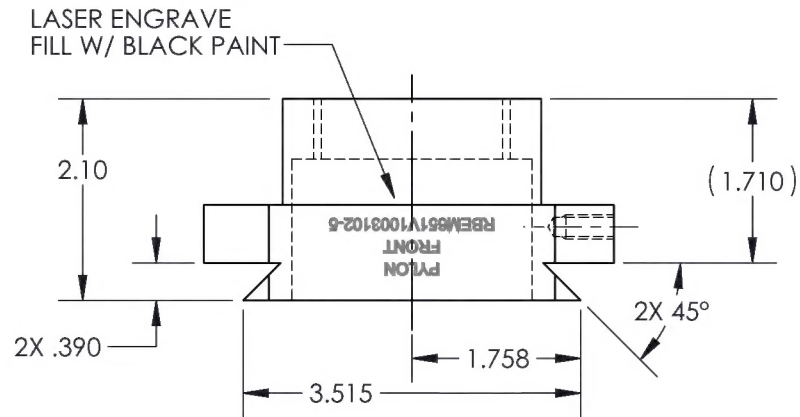
(11)

FINE EQUIPPED SHIM ASSY

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-11	REV 1
MAT'L	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:4	DATE 6/6/2016
	SHEET 7 OF 23

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REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



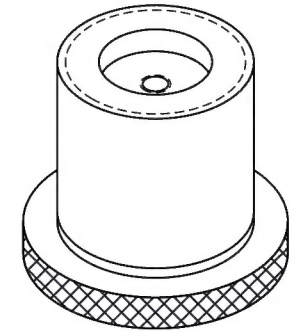
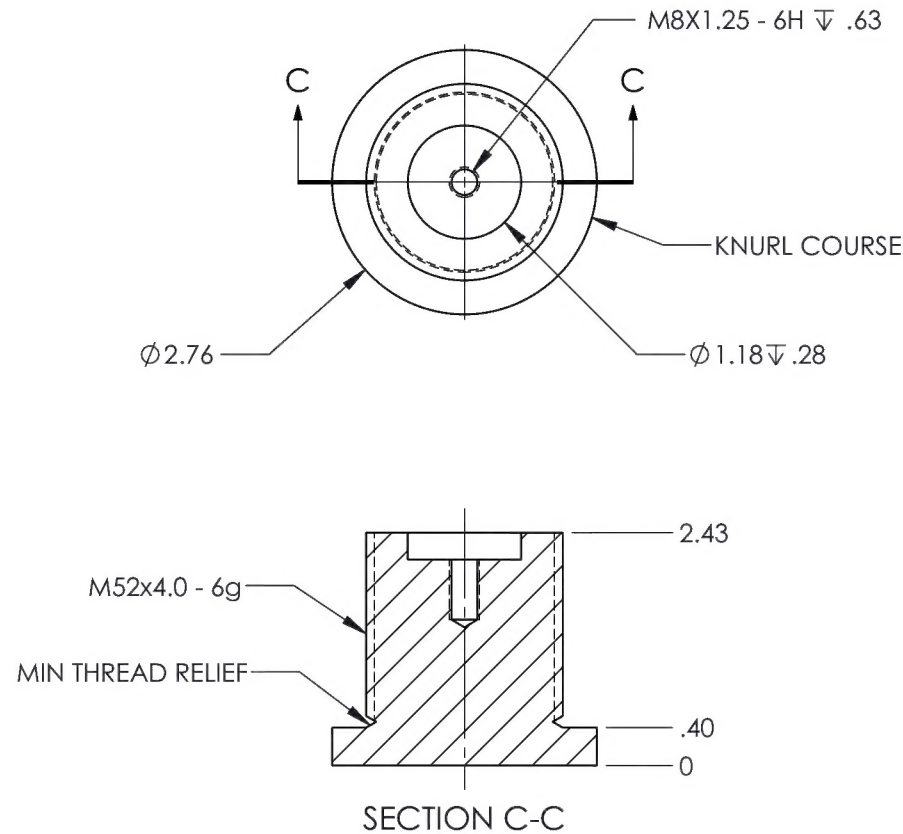
DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-13	REV 1
MAT'L WHITE DELRIN/ACETAL TREAT FINISH SPEC DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 1:2	DATE 6/7/2016
SHEET 8 OF 23	

(-13)

FINE EQUIPPED SHIM

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



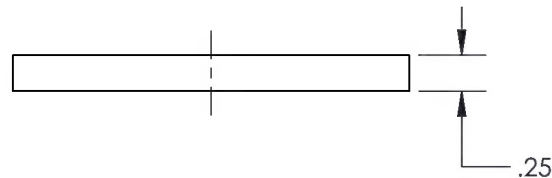
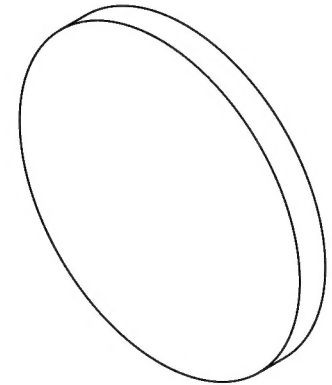
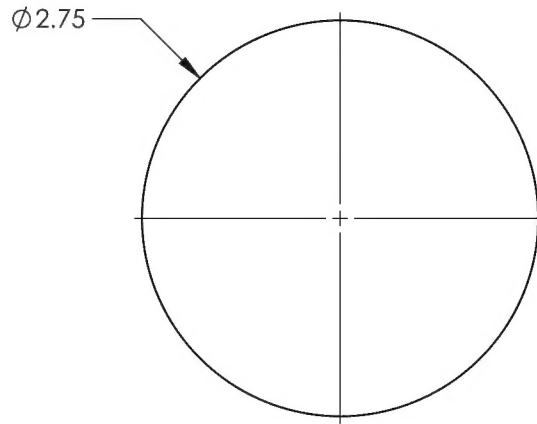
-15

FINE SHIM BASE

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-15	REV 1
MAT'L WHITE DELRIN/ACETAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125✓ SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 6/6/2016
SHEET 9 OF 23	

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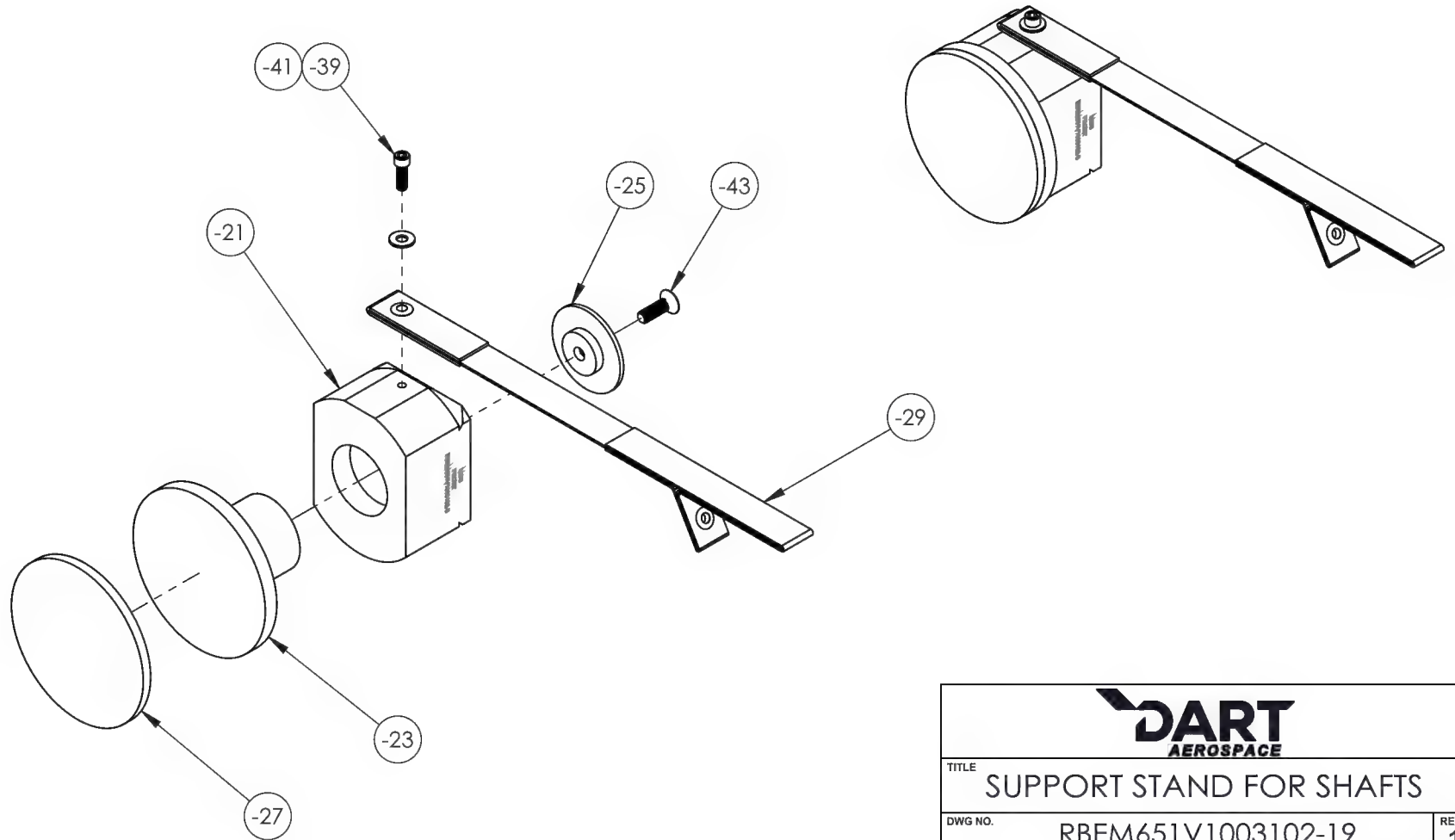
(17)

FINE SHIM PAD

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-17	REV 1
MAT'L BLACK ADHESIVE RUBBER	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 3:4	DATE 6/6/2016
	SHEET 10 OF 23

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				APPROVED



(19)

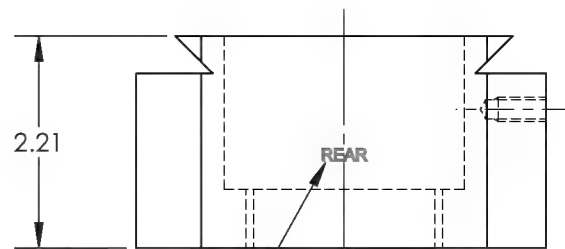
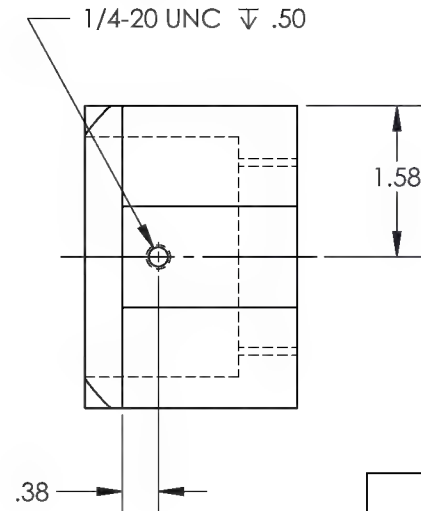
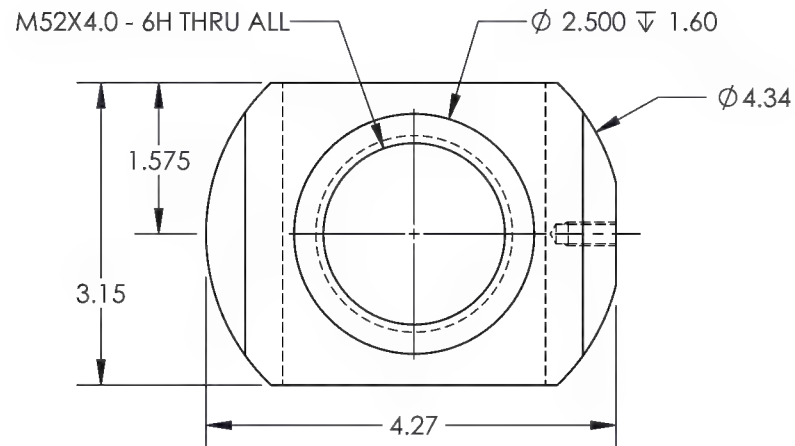
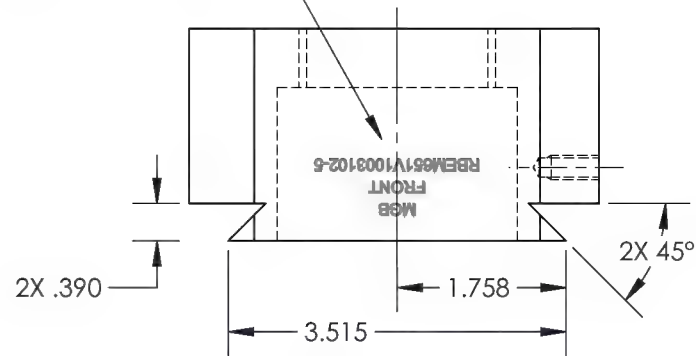
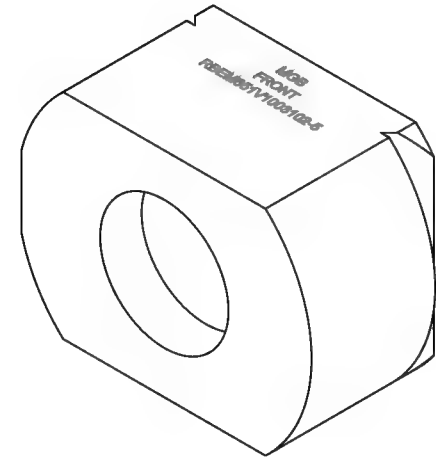
MGB EQUIPPED SHIM ASSY

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-19	REV 1
MAT'L 	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT 	.XXX ± .005 FRACTIONS ± 1/8
FINISH 	.XX ± .01 ANGLES ± 5°
SPEC 	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:4	DATE 6/6/2016
SHEET 11 OF 23	

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				APPROVED

LASER ENGRAVE
FILL W/ BLACK PAINT



LASER ENGRAVE
FILL W/ BLACK PAINT

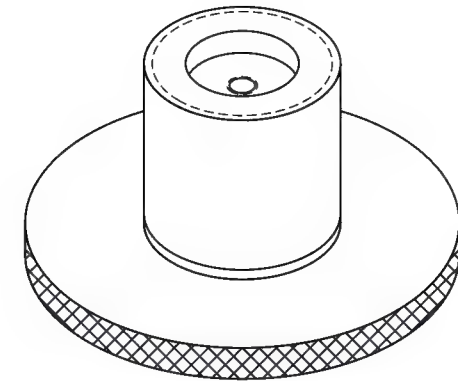
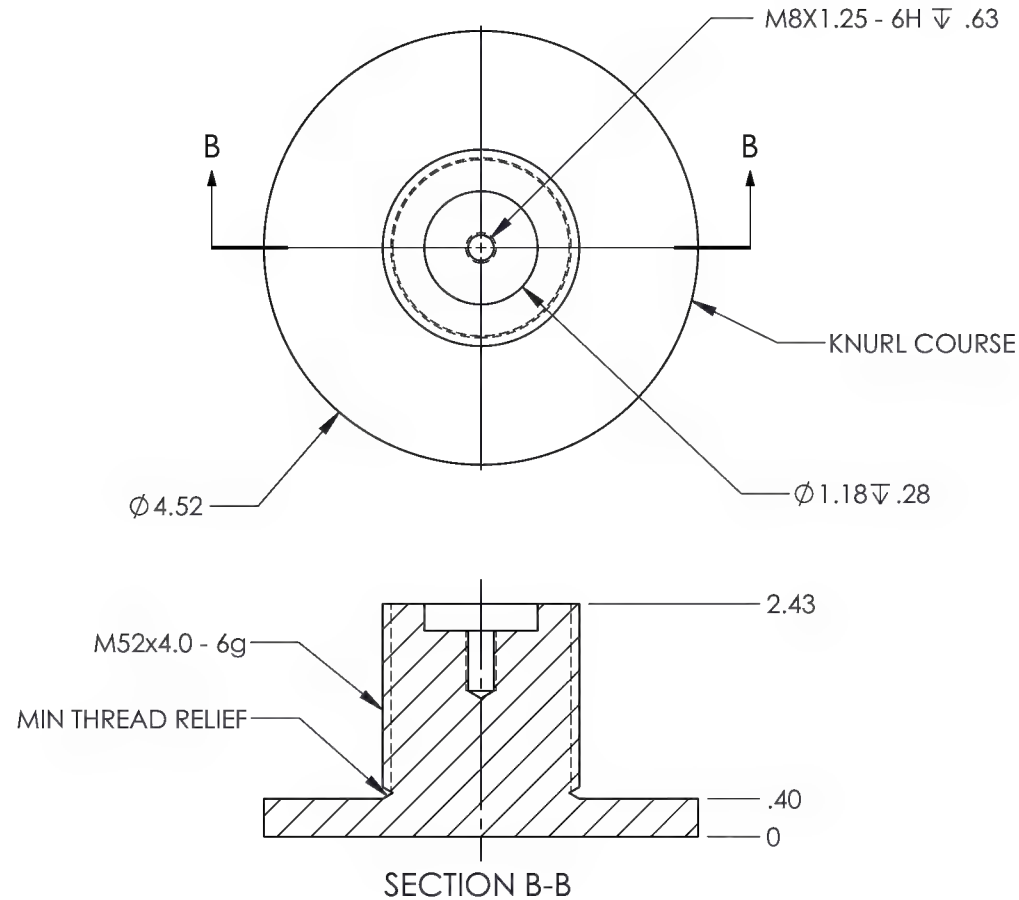
(21)

MGB EQUIPPED SHIM

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-21	REV 1
MAT'L WHITE DELRIN/ACETAL	
TREAT	
FINISH	
SPEC	
DRAWN BY: MACKOVJAK	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 1:2	DATE 6/6/2016
SHEET 12 OF 23	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

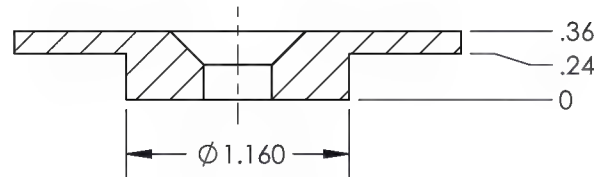
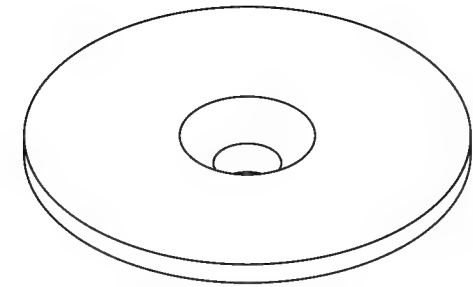
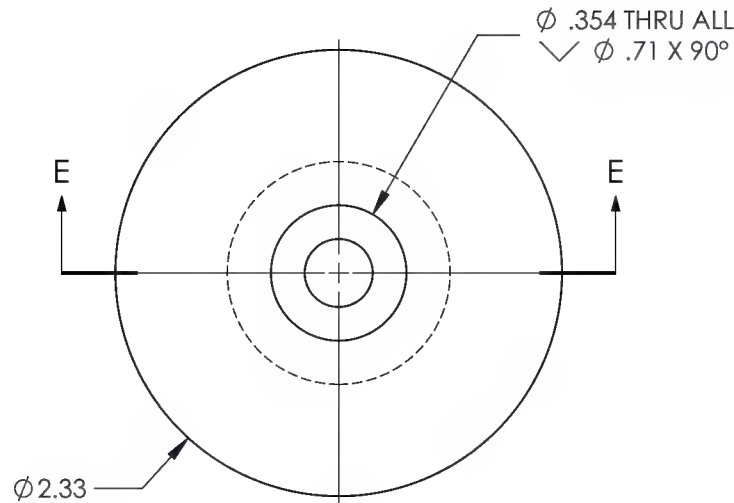


(-23)
LONG/MGB SHIM BASE

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-23	REV 1
MAT'L WHITE DELRIN/ACETAL TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 6/6/2016
SHEET 13 OF 23	

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SECTION E-E

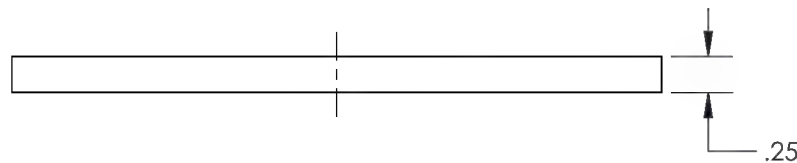
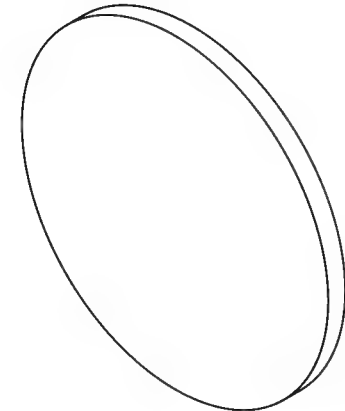
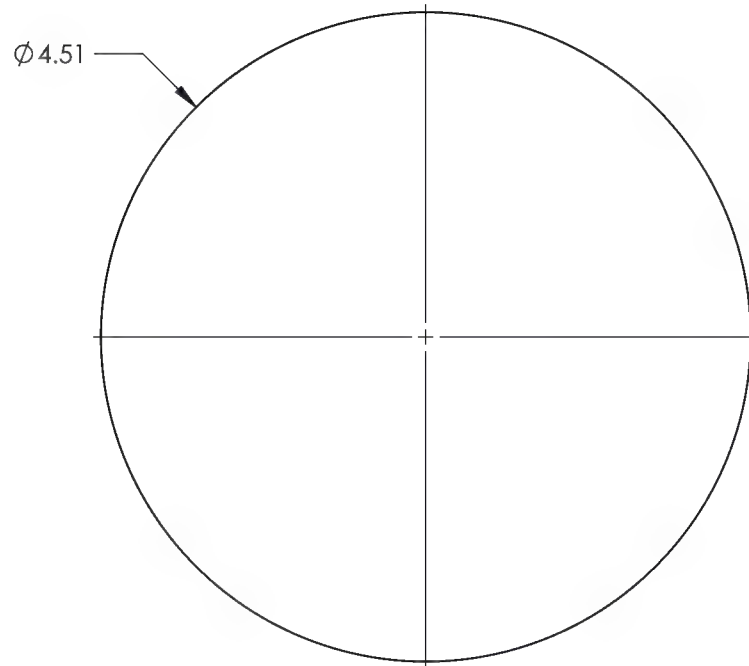
(-25)

SHIM CAP

DART AEROSPACE																																								
TITLE SUPPORT STAND FOR SHAFTS																																								
DWG NO. RBEM651V1003102-25	REV 1																																							
<table border="1"> <tr> <td>MAT'L</td> <td>WHITE DELRIN/ACETAL</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td></td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td></td> <td>.XXX \pm .005 FRACTIONS \pm 1/8</td> </tr> <tr> <td>SPEC</td> <td></td> <td>.XX \pm .01 ANGLES \pm .5°</td> </tr> <tr> <td></td> <td></td> <td>.X \pm .1 SURFACES = 125°</td> </tr> <tr> <td>DRAWN BY:</td> <td>MACKOVJAK</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td>CHECKED:</td> <td>CLOUGH</td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>OPPS APPR:</td> <td>ANDERSON</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>QA APPR:</td> <td>LINDSAY</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>APPROVED:</td> <td>GILBERT</td> <td>USED ON MODEL</td> </tr> <tr> <td></td> <td></td> <td>H175</td> </tr> <tr> <td>SCALE</td> <td>1:1</td> <td>DATE 6/6/2016</td> </tr> <tr> <td></td> <td></td> <td>SHEET 14 OF 23</td> </tr> </table>		MAT'L	WHITE DELRIN/ACETAL	UNLESS OTHERWISE SPECIFIED	HEAT TREAT		DIMENSIONS ARE IN INCHES	FINISH		.XXX \pm .005 FRACTIONS \pm 1/8	SPEC		.XX \pm .01 ANGLES \pm .5°			.X \pm .1 SURFACES = 125°	DRAWN BY:	MACKOVJAK	1. BREAK ALL SHARP EDGES	CHECKED:	CLOUGH	.015 x 45° OR .015R	OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	QA APPR:	LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	APPROVED:	GILBERT	USED ON MODEL			H175	SCALE	1:1	DATE 6/6/2016			SHEET 14 OF 23
MAT'L	WHITE DELRIN/ACETAL	UNLESS OTHERWISE SPECIFIED																																						
HEAT TREAT		DIMENSIONS ARE IN INCHES																																						
FINISH		.XXX \pm .005 FRACTIONS \pm 1/8																																						
SPEC		.XX \pm .01 ANGLES \pm .5°																																						
		.X \pm .1 SURFACES = 125°																																						
DRAWN BY:	MACKOVJAK	1. BREAK ALL SHARP EDGES																																						
CHECKED:	CLOUGH	.015 x 45° OR .015R																																						
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																																						
QA APPR:	LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																																						
APPROVED:	GILBERT	USED ON MODEL																																						
		H175																																						
SCALE	1:1	DATE 6/6/2016																																						
		SHEET 14 OF 23																																						

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				APPROVED



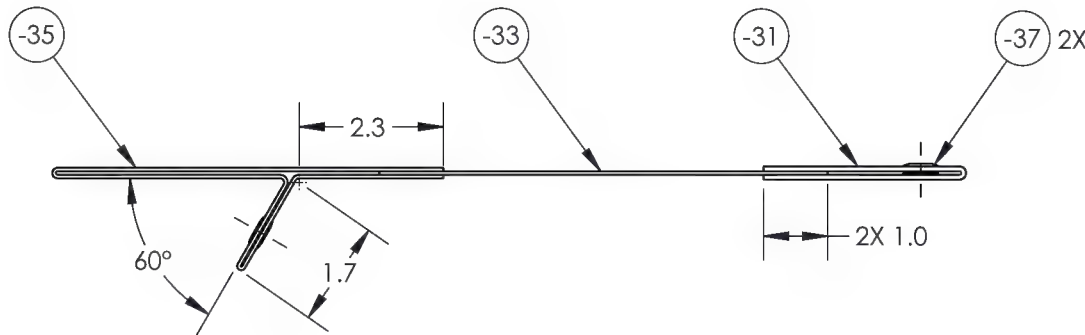
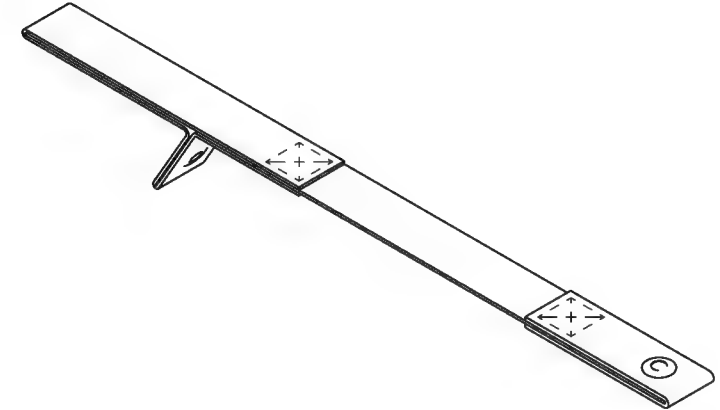
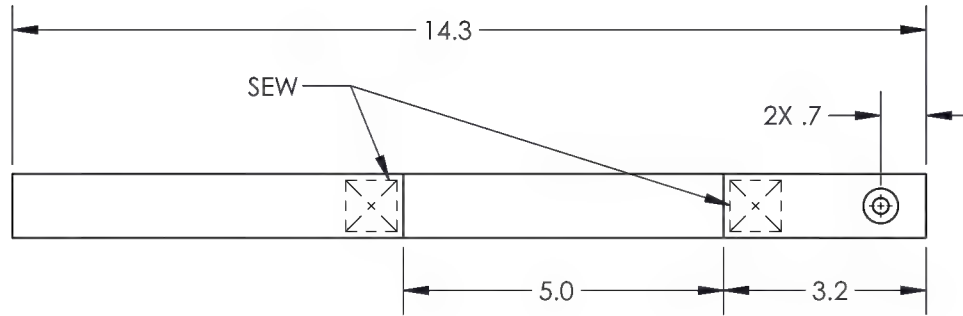
(-27)

SHORT/LONG/MGB SHIM PAD

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-27	REV 1
MAT'L BLACK ADHESIVE RUBBER	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 3:4	DATE 6/6/2016
	USED ON MODEL
	H175
	SHEET 15 OF 23

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(-29)
STRAP

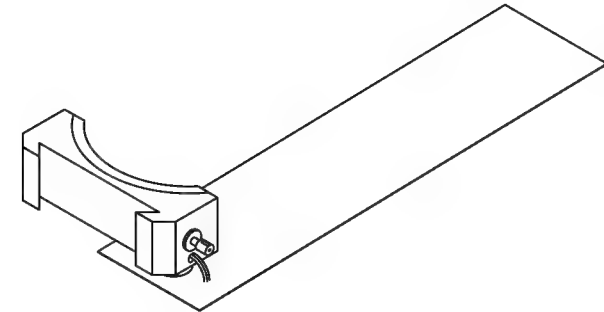
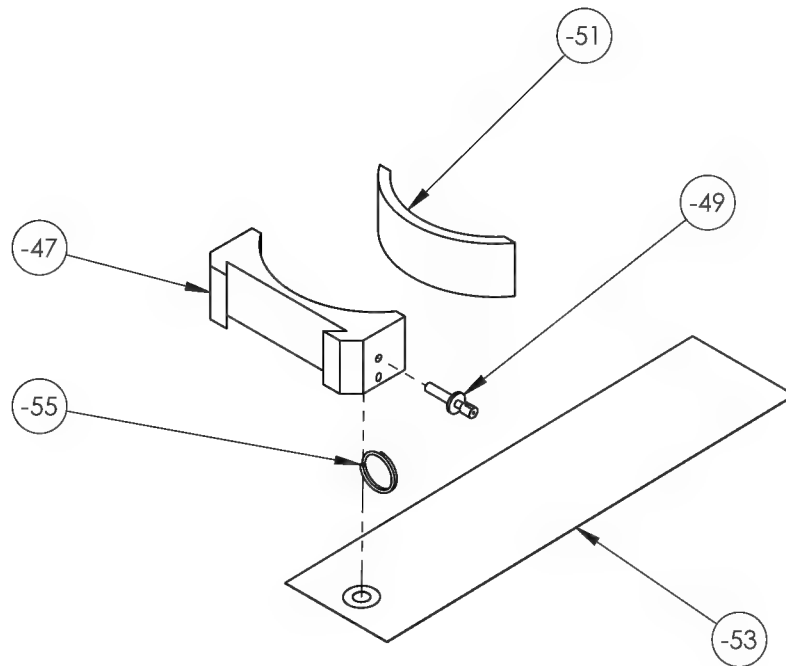
-29 REFERENCE BOM

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			-31	1	STRAP END 1	BLACK NYLON	(MCMASTER-CARR # 87425K76) MODIFIED
			-33	1	ELASTIC STRAP	BLACK ELASTIC	(MCMASTER-CARR # 88225K68) MODIFIED
			-35	1	STRAP END 2	BLACK NYLON	1" X .075" (MCMASTER-CARR # 87425K76) MODIFIED
		B/O	-37	2	GROMMET	BRASS	1/4 IN ID (MCMASTER-CARR # 86625K32)

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-29	REV 1
MAT'L REAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:3	DATE 6/6/2016
SHEET 16 OF 23	

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				APPROVED



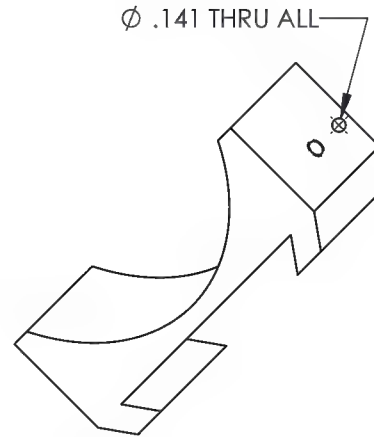
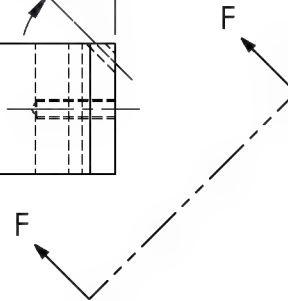
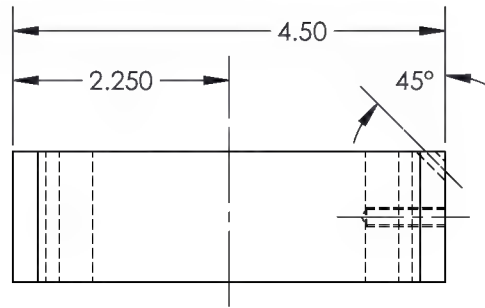
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EQUIPPED SUPPORT ASSY

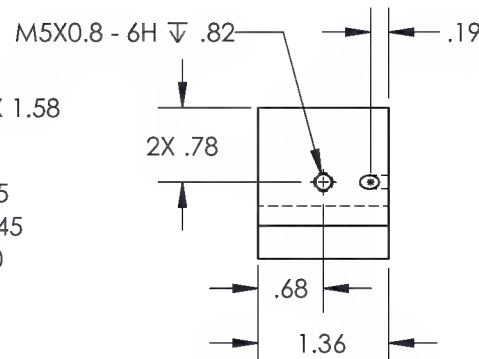
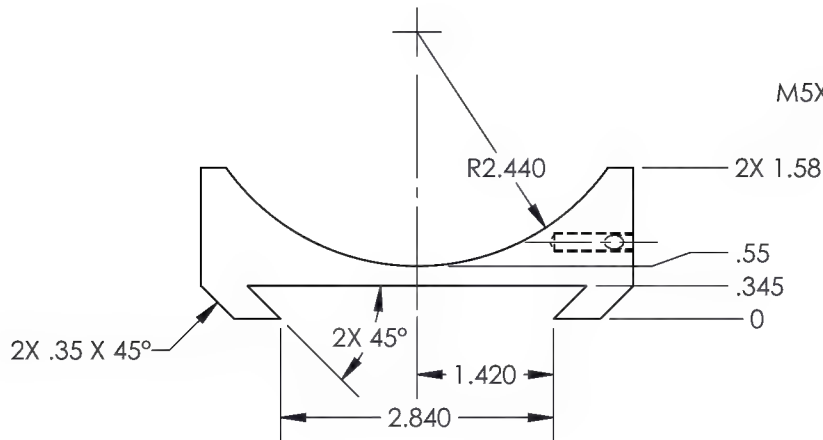
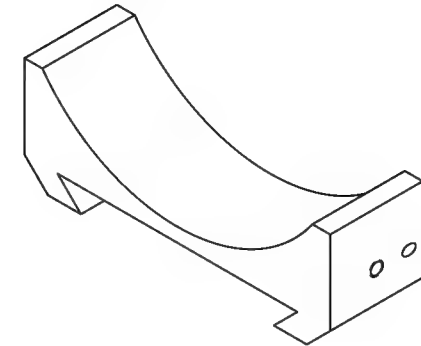
DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-45	REV 1
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT PLAIN	.XXX ± .005 FRACTIONS ± 1/8
FINISH PLAIN	.XX ± .01 ANGLES ± .5°
SPEC ASME Y14.5M-2009	.X ± .1 SURFACES = 125✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:4	DATE 6/6/2016
SHEET 17 OF 23	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



HIDDEN LINES REMOVED
VIEW F-F



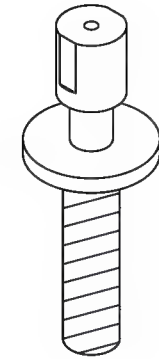
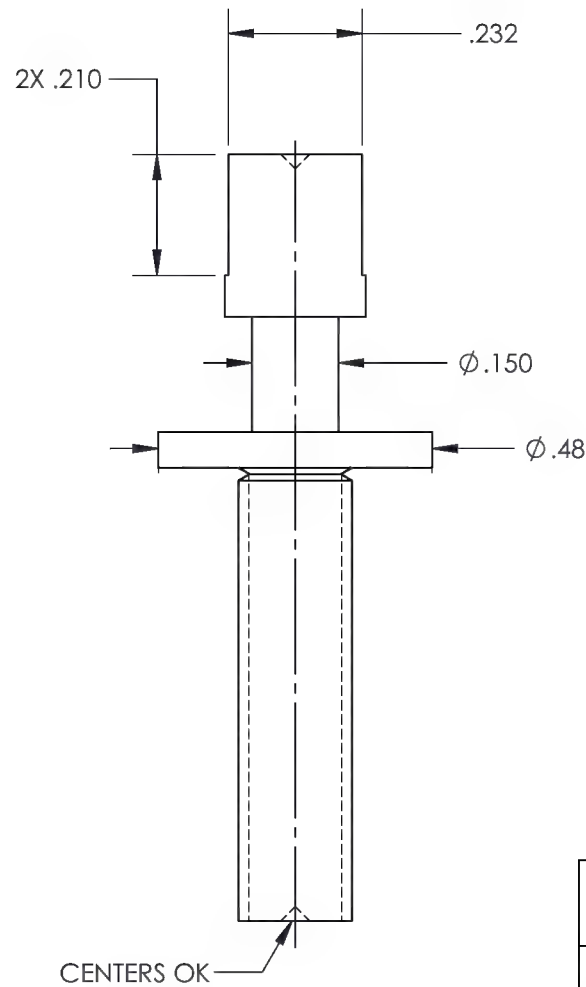
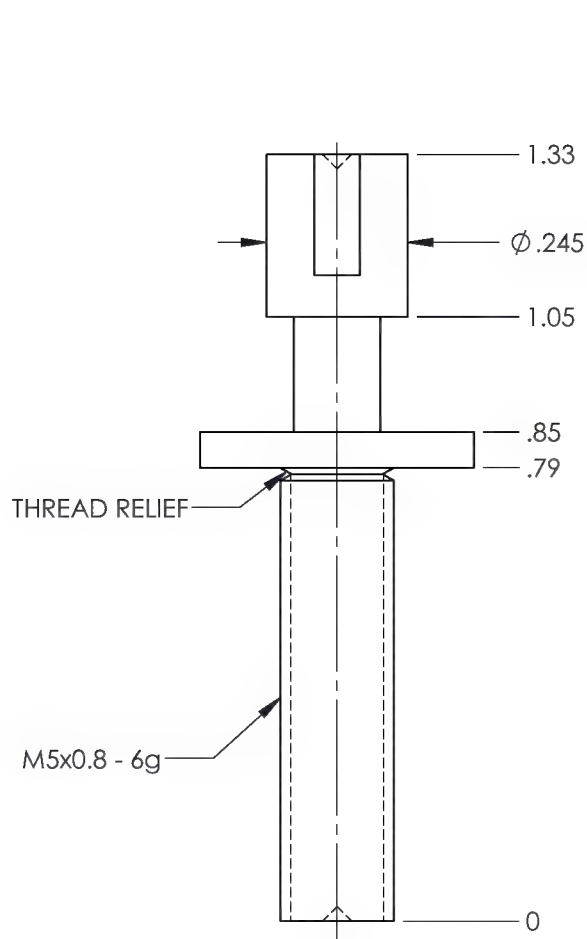
(-47)

EQUIPPED SUPPORT

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-47	REV 1
MAT'L WHITE DELRIN/ACETAL TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	MACKOVJAK
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:2	DATE 6/6/2016
SHEET 18 OF 23	

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				APPROVED



M5x0.8 - 6g

THREAD RELIEF

CENTERS OK

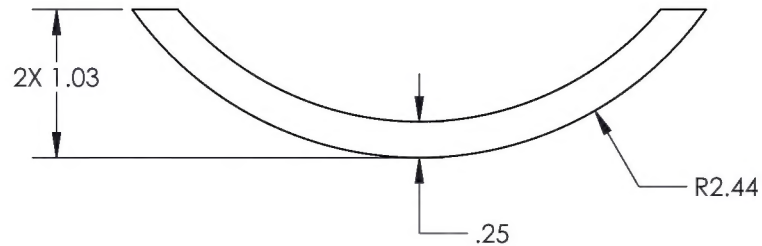
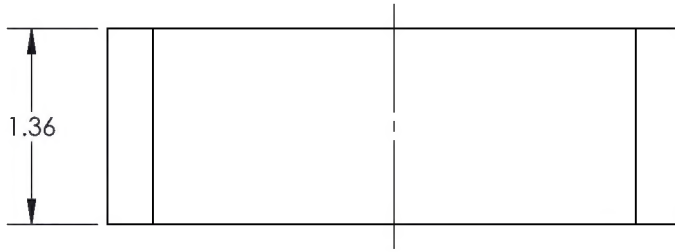
-49

STRAP FASTENER

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-49	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625F, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: MACKOVJAK	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 3:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/9/2016	USED ON MODEL
SHEET 19 OF 23	H175

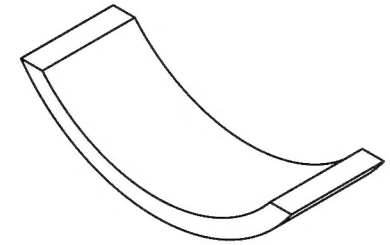
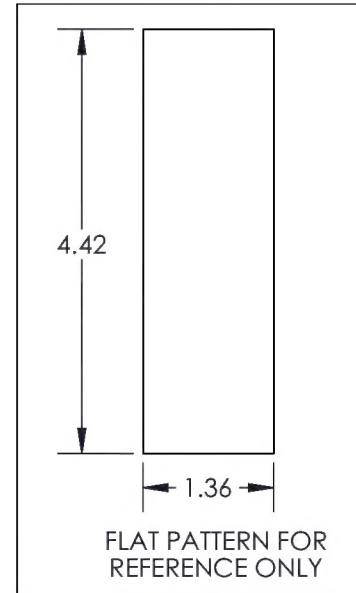
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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



(-51)

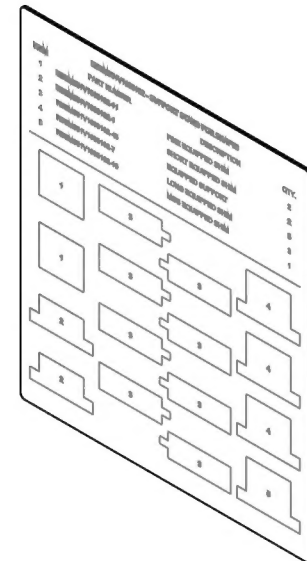
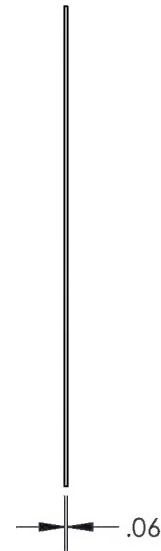
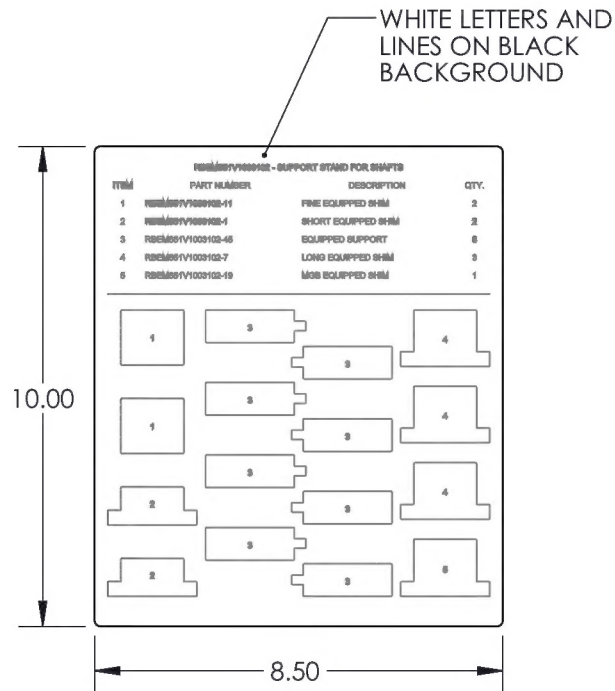
EQUIPPED SUPPORT PAD



DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-51	REV 1
MAT'L BLACK ADHESIVE RUBBER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
H175	
SCALE 3:4	DATE 6/6/2016
SHEET 20 OF 23	

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NOTES:
USE PDF.

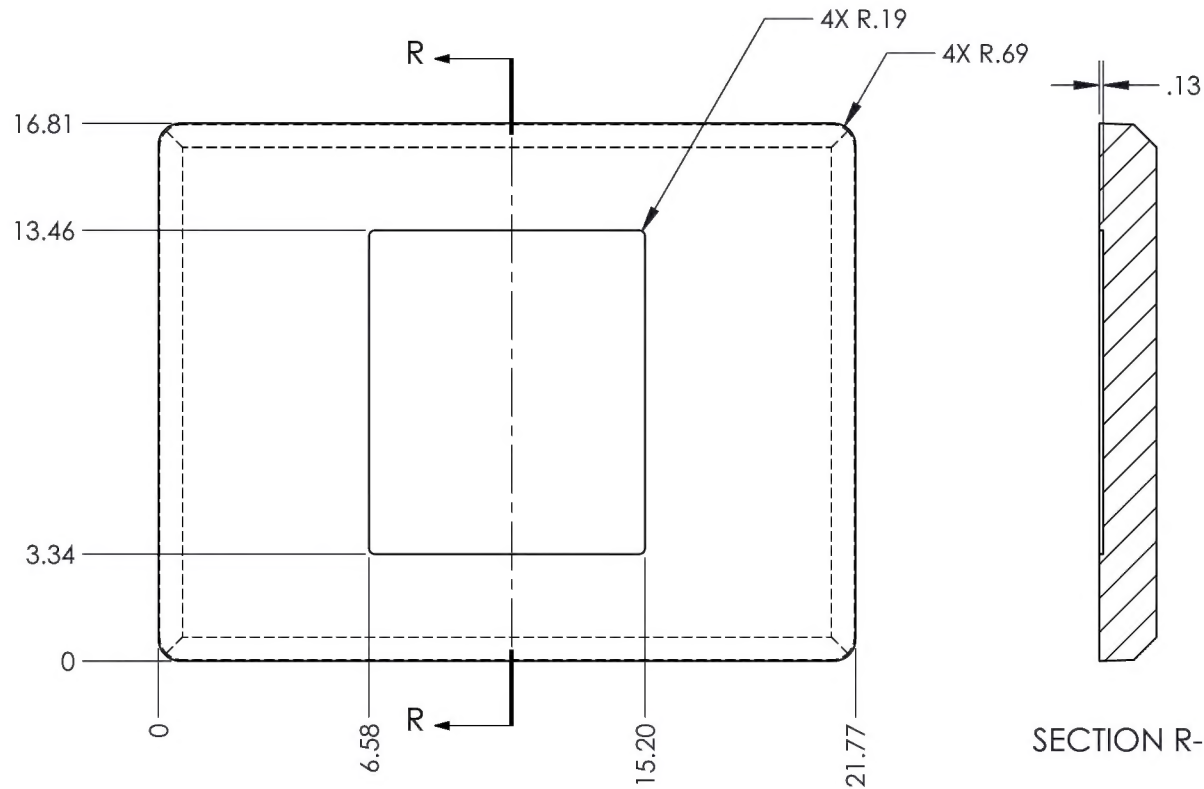
DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-57	REV 1
MAT'L PLASTIC HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:4	DATE 6/6/2016
SHEET 21 OF 23	

(-57)

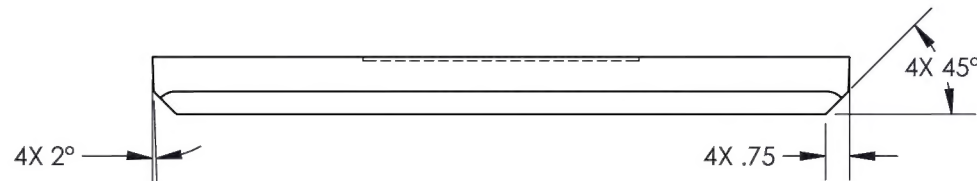
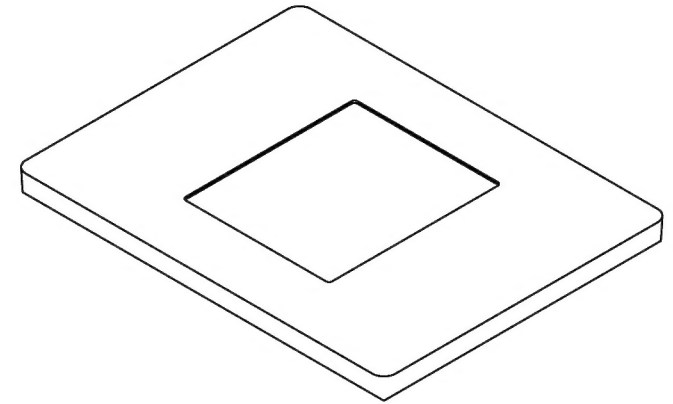
PLACARD

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION R-R

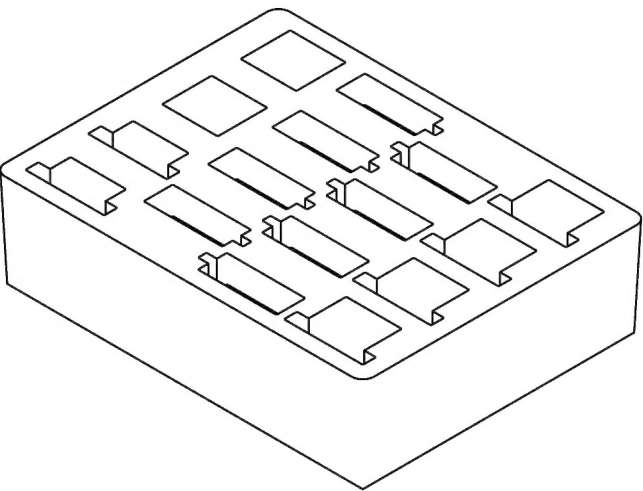


(-59)

FOAM, TOP

DART AEROSPACE	
TITLE SUPPORT STAND FOR SHAFTS	
DWG NO. RBEM651V1003102-59	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125/✓	
SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED:	H175
OPPS APPR:	
QA APPR:	
APPROVED:	
SCALE 1:6	DATE 6/6/2016
SHEET 22 OF 23	


REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION I-I



FOAM, BOTTOM

			
TITLE			
SUPPORT STAND FOR SHAFTS			
DWG NO.			REV
RBEM651V1003102-61			1
MAT'L		UNLESS OTHERWISE SPECIFIED	
ETHAFOAM 220, BLACK		DIMENSIONS ARE IN INCHES	
REAT		.XXX ± .010 FRACTIONS ±1/8	
TREAT		.XX ± .03 ANGLES ±1°	
FINISH		.X ± .1 SURFACES = 125/√	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
MACKOVJAK		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
CHECKED:		USED ON MODEL	
OPPS APPR:		H175	
QA APPR:			
APPROVED:			
SCALE	1:4	DATE	6/6/2016
		SHEET 23 OF 23	